



CDF Operations Report

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&

New OPS manager, Guram Chlachidze

CDF Weekly Meeting
September 22, 2005



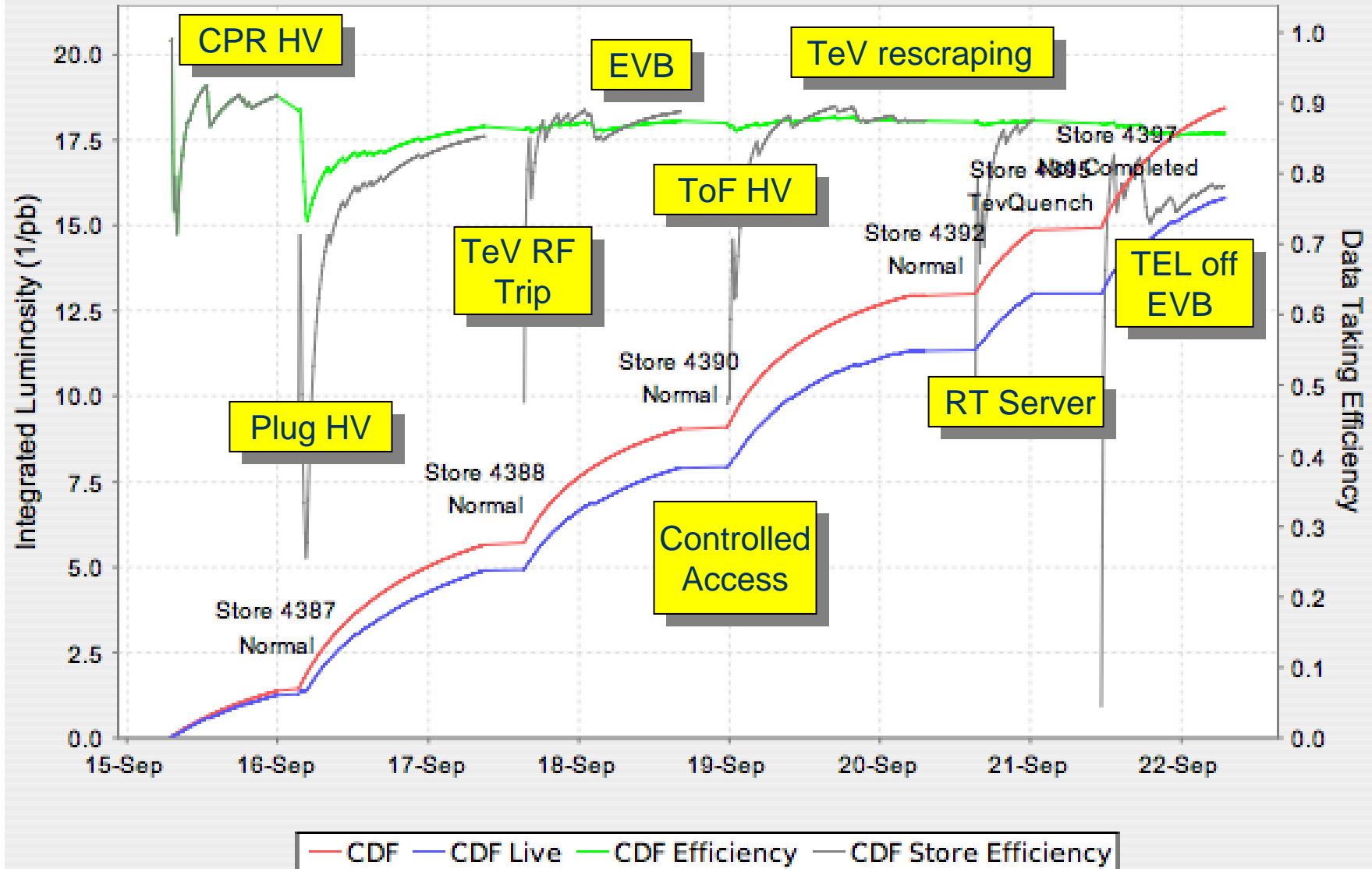
Store Summary (15~22 Sept)

Store	start Date	time [hours]	initial lumi [E30]	int. lumi delivered [pb ⁻¹]	live lumi [pb ⁻¹]	GoodRun w/ si [pb ⁻¹]	comments
4387	9/14	24.5	71.7	2.68	2.46 92%	2.38 89%	CPR HV trouble EOS Trig Table test
4388	9/16	29.6	114.3	4.28	3.69 86%	3.69 86%	Plug HV problem at start
4390	9/17	25.0	106.9	3.31	3.06 90%	3.06 90%	TeV RF4 trip EVB problem
4392	9/18	29.3	109.8	3.90	3.40 87%	3.36 86%	ToF HV, Plug HV trip TeV rescraping
4395	9/20	9.4	93.0	1.092	1.68 88%	1.68 88%	RT Server problem TeV quench
4397	9/21		123.6	In progress...			TEL off twice EVB issues
Total	9/14- 9/22	117.8	99.2	16.2 pb ⁻¹	14.3pb ⁻¹ 88%	14.2pb ⁻¹ 88%	Good Week

Store 4395 was the first full 28cm beta* optics store, and TeV is now using the 28cm beta* lattice as the default.

Store Summary (15~22 Sept)

Delivered Luminosity: Sep-15-2005 to Sep-22-2005 18.432 (1/pb)



CDF Operations

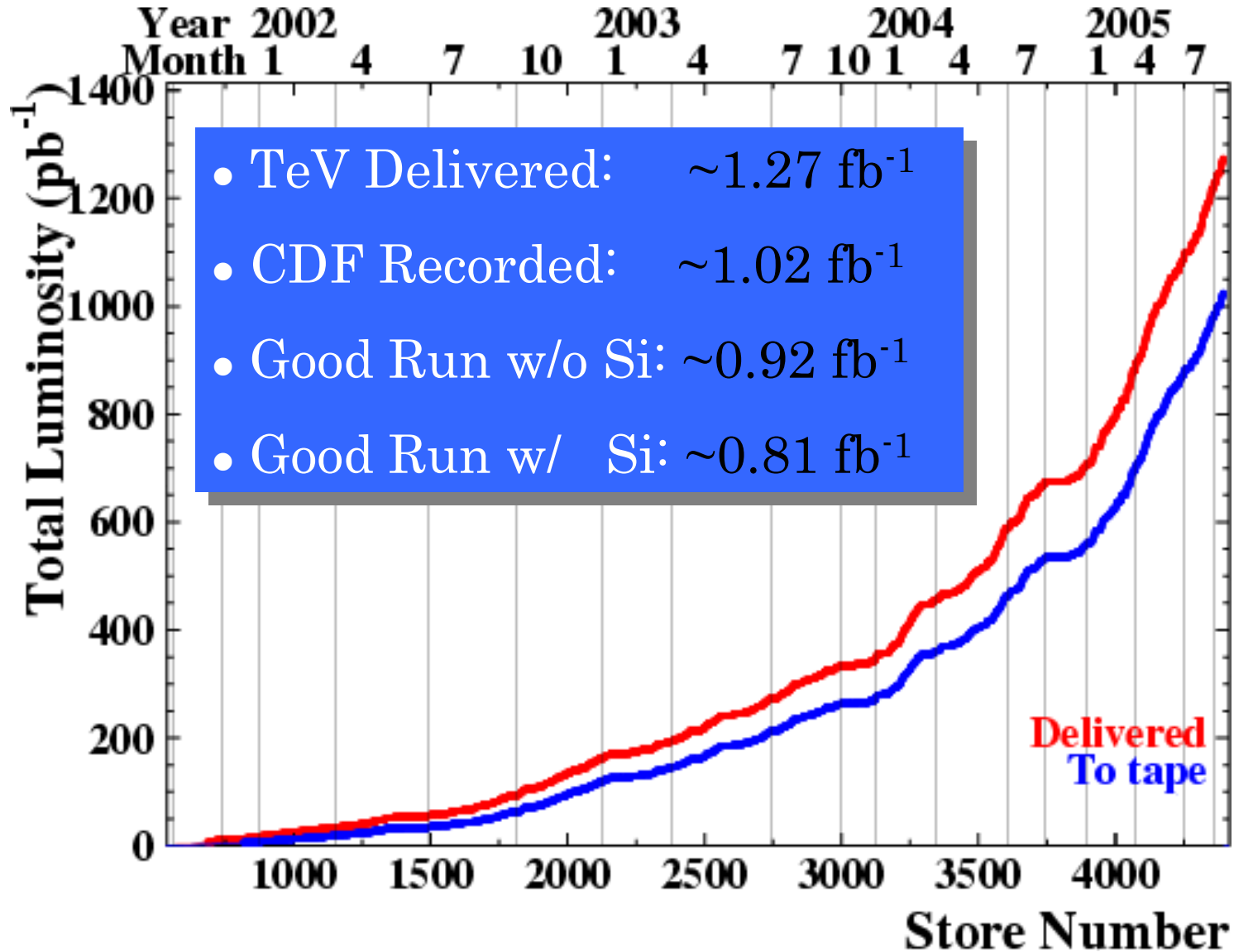
- DAQ/RC/Trigger
 - Operated smoothly
 - Successful test of new L3 tau and j/psi triggers
 - Resetting the EVB2 scanner CPU
- Silicon
 - Power Supply fix on Saturday's access was successful and have recovered an ISL wedge
- Calorimeter
 - Some downtime due to a couple of HV trips at start: CPR and Plug
 - New calorimeter calibrations for CHA and plug were downloaded
- Forward Detector
 - Had trouble with b0fcal00 crate on Friday, finally recovered on Saturday between stores; power cycle helped, and recalibrated.
- CLC
 - Bad HV channel: ramps quite slowly giving alarm at start of store and holding off DAQ. Attempted fix but found all spares had at least one bad channel. Set alarm limit to avoid start of store inhibit

Access Report

Controlled Access on Saturday, 9/17

- Silicon
 - Successfully recovered ISL wedge with P.S. change.
 - Checked valves for cooling water flow in hall at East end of detector due to observed low flow lately and found them properly open.
- BMU Readout
 - Power Cycled to recover a non-responsive CCU.
- IMU Readout Oscillating Channels.
 - Unplugged one single low voltage cable.
- Solenoid Cryo Platform Pump Check
 - Verified dead backup pump, requires future access to replace the pump.

Run II Integrated Luminosity



Run II Data Taking Efficiency

